

IN THE CLAIMS

Claims 1, 4-6, 8-11, 14-16, 18-21, 24-26, and 28 are pending in this application, wherein claims 7, 17, and 27 are being canceled without prejudice or disclaimer, and wherein claims 1, 8, 11, 18, 20, and 28 are being amended to improve form, as follows:

1. (Currently Amended) A terminal connected to a network and comprising:
 - a transmission/reception part for sending and receiving a packet;
 - a CPU; and
 - a memory for storing programs to be executed by the CPU to execute first and second processes on a packet received from the transmission/reception part;
 - wherein the first process is a process for terminating a first security process for the received packet;
 - wherein the second process is a process for terminating a second security process for the received packet; [[and]]
 - wherein the first and second processes are executed on the same layer of said received packet;
 - wherein the memory further stores a program of a first operation system and a program of a second operation system executed on the first operation system;
 - wherein the first process is executed on the second operation system; and
 - wherein the second process is executed on the first operation system.
- 2-3. Canceled.
4. (Previously Presented) A terminal according to claim 1 wherein the first and second processes are processes for decrypting results of encryption processes executed on the same layer of the received packet.
5. (Previously Presented) A terminal according to claim 1 wherein the first and second processes are the termination processes of IPsec executed on the same layer of the received packet.

6. (Previously Presented) A terminal according to claim 1 wherein the first and second processes are the termination processes of TLS performed on the same layer of the received packet.
7. (Canceled).
8. (Currently Amended) A terminal according to claim 1[[7]] wherein the second operation system is executed on a virtual machine configured on the first operation system.
9. (Previously Presented) A terminal according to claim 1 wherein:
 - the network is also connected to a server for managing information on locations of the terminal; and
 - the first and second processes handles a packet transmitted from the server to the terminal.
10. (Original) A terminal according to claim 9 wherein:
 - the terminal is a terminal provided for mobile IP functions;
 - the server is a server provided for said mobile IP functions;
 - the terminal is a terminal functioning as a mobile node; and
 - the server is a server functioning as a home agent of the terminal.
11. (Currently Amended) A communication system comprising a terminal and a server, which are connected to a network, wherein:
 - the terminal has a transmission/reception part for sending and receiving a packet, a CPU and a memory for storing programs to be executed by the CPU to carry out first and second processes on a packet received from the transmission/reception part;
 - the server comprises a transmission/reception part for sending and receiving a packet, a CPU and a memory for storing information on locations of the terminal;
 - the first process is a process for terminating a first security process for said received packet;

the second process is a process for terminating a second security process for said received packet; [[and]]

the first and second processes executed by the terminal are executed on the same layer of a packet received from the server;

the memory further stores a program of a first operation system and a program of a second operation system executed on the first operation system;

the first process executed by the terminal is executed on the second operation system; and

the second process carried out in the terminal is executed on the first operation system.

12-13. (Canceled).

14. (Previously Presented) A communication system according to claim 11 wherein the first and second processes executed by the terminal are processes for decrypting results of encryption processes performed on the same layer of the received packet.

15. (Previously Presented) A communication system according to claim 11 wherein the first and second processes executed by the terminal are termination processes of IPsec executed on the same layer of the received packet.

16. (Previously Presented) A communication system according to claim 11 wherein the first and second processes executed by the terminal are termination processes of TLS performed on the same layer of the received packet.

17. (Canceled).

18. (Currently Amended) A communication system according to claim 11[[17]] wherein the second operation system is executed on a virtual machine configured on the first operation system.

19. (Previously Presented) A communication system according to claim 11 wherein:
the terminal is a terminal provided for mobile IP functions;

the server is a server provided for the mobile IP functions;
the terminal is a terminal functioning as a mobile node; and
the server is a server functioning as a home agent of the terminal.

20. (Previously Presented) A home agent connected to a terminal or a router through a network and comprising:

a transmission/reception part for sending and receiving a packet,
a CPU,

an address memory for storing the address of the terminal or the router, and

a program memory for storing programs to be executed by the CPU to carry out first and second processes on a packet received from the transmission/reception part,

wherein the first process is a process for terminating a first security process for the received packet,

wherein the second process is a process for terminating a second security process for the received packet, [[and]]

wherein the first and second processes are executed on the same layer of the received packet,

wherein the program memory further stores a program of a first operation system and a program of a second operation system executed on the first operation system;

wherein the first process is executed on the second operation system; and

wherein the second process is executed on the first operation system.

21. (Previously Presented) A home agent according to claim 20, the home agent connected to a mobile terminal or a mobile router wherein:

the address memory further stores the address of the mobile terminal or the mobile router; and

the first and second processes are executed on a packet received from the mobile terminal or through the mobile router.

- 22-23. (Canceled).

24. (Original) A home agent according to claim 20 wherein the first and second processes are processes for decrypting results of encryption processes executed on the same layer of the received packet.
25. (Original) A home agent according to claim 20 wherein the first and second processes are termination processes of IPsec executed on the same layer of the received packet.
26. (Original) A home agent according to claim 20 wherein the first and second processes are termination processes of TLS performed on the same layer of the received packet.
27. (Canceled).
28. (Currently Amended) A home agent according to claim 20[[27]] wherein the second operation system is executed on a virtual machine configured on the first operation system.